

CLAIMS

What is claimed is:

1. A spinal orthopedic device and tool set, comprising
an intervertebral spacer device having first and second baseplates mounted to one another such that the first and second baseplates are articulatable relative to one another, wherein at least one of the baseplates has an angled perimeter; and
a manipulation tool having a correspondingly angled distal end, such that when the correspondingly angled distal end of the manipulation tool is engaged with the angled perimeter of the at least one of the baseplates, movement of the at least one of the baseplates relative to the correspondingly angled distal end of the manipulation tool is limited by interference between the angled perimeter of the at least one of the baseplates and the correspondingly angled distal end of the manipulation tool, such that the at least one of the baseplates is manipulatable using the manipulation tool.
2. The spinal orthopedic device and tool set of claim 1, wherein the angled perimeter of the at least one of the baseplates comprises a protruding corner of the at least one of the baseplates, and wherein the correspondingly angled distal end of the manipulation tool comprises a recessed corner of the correspondingly angled distal end.
3. The spinal orthopedic device and tool set of claim 2, wherein the angled perimeter of the at least one of the baseplates comprises at least two flat perimeter surfaces converging to form the protruding corner of the at least one of the baseplates, and wherein the correspondingly angled distal end of the manipulation tool comprises at least two flat surfaces converging to form the recessed corner of the correspondingly angled distal end.
4. The spinal orthopedic device and tool set of claim 1, wherein the angled perimeter of the at least one of the baseplates comprises three flat perimeter surfaces forming two protruding corners of the at least one of the baseplates, a first of the flat perimeter surfaces converging with a second of the flat perimeter surfaces to form a first of the

protruding corners, the first of the flat perimeter surfaces also converging with a third of the flat perimeter surfaces to form a second of the protruding corners; and wherein

the correspondingly angled distal end of the manipulation tool comprises three flat surfaces forming two recessed corners of the correspondingly angled distal end of the manipulation tool, a first of the flat surfaces converging with a second of the flat surfaces to form a first of the recessed corners, the first of the flat surfaces also converging with a third of the flat surfaces to form a second of the recessed corners.

5. The spinal orthopedic device and tool set of claim 4, wherein the intervertebral spacer device is engageable for manipulation using the manipulation tool by positioning the first protruding corner in the first recessed corner, and positioning the second protruding corner in the second recessed corner.

6. The spinal orthopedic device and tool set of claim 5, wherein the intervertebral spacer device is also engageable for manipulation using the manipulation tool by positioning the first protruding corner in the second recessed corner.

7. The spinal orthopedic device and tool set of claim 6, wherein the intervertebral spacer device is also engageable for manipulation using the manipulation tool by positioning the second protruding corner in the first recessed corner.

8. The spinal orthopedic device and tool set of claim 5, wherein the intervertebral spacer device is also engageable for manipulation using the manipulation tool by positioning the second protruding corner in the first recessed corner.

9. The spinal orthopedic device and tool set of claim 4, wherein the first flat perimeter surface of the at least one of the baseplates is longer than the first flat surface of the angled distal end.

10. The spinal orthopedic device and tool set of claim 4, wherein each of the flat perimeter surfaces faces a respective desired surgical approach aspect of the at least one of the baseplates.

11. The spinal orthopedic device and tool set of claim 10, wherein the first flat perimeter surface faces an anterior aspect of the at least one of the baseplates.

12. The spinal orthopedic device and tool set of claim 11, wherein the second flat perimeter surface faces a left antero-lateral aspect of the at least one of the baseplates, and the third flat perimeter surface faces a right antero-lateral aspect of the at least one of the baseplates.

13. The spinal orthopedic device and tool set of claim 1, wherein the angled distal end of the manipulation tool is engageable with the angled perimeter of the at least one of the baseplates in a plurality of ways, each of the plurality of ways establishes a respective desired surgical approach angle for manipulating the intervertebral spacer device.

14. The spinal orthopedic device and tool set of claim 13, wherein one of the plurality of ways establishes an anterior surgical approach angle.

15. The spinal orthopedic device and tool set of claim 14, wherein the one of the plurality of ways is a first of the plurality of ways, and wherein a second of the plurality of ways establishes a left antero-lateral surgical approach angle, and wherein a third of the plurality of ways establishes a right antero-lateral surgical approach angle.

16. The spinal orthopedic device and tool set of claim 1, wherein the angled perimeter of the at least one of the baseplates includes a plurality of flat surfaces adjacent one another and the correspondingly angled distal end has a central flat surface flanked by two flat surfaces; and wherein the at least one of the baseplates is engageable for manipulation using the manipulation tool by positioning the primary flat surface against any one of the plurality of flat surfaces, such that at least one of the two flanking flat surfaces is against another of the plurality of flat surfaces; and wherein the plurality of flat surfaces includes a flat surface facing an anterior aspect of the at least one baseplate.

17. The spinal orthopedic device and tool set of claim 16, wherein the plurality of flat surfaces further includes a flat surface facing a left antero-lateral aspect of the at least one baseplate, and a flat surface facing a right antero-lateral aspect of the at least one baseplate.

18. The spinal orthopedic device and tool set of claim 1, wherein the angled perimeter of the at least one of the baseplates includes a plurality of surfaces adjacent one another, at least every other ones of the plurality of surfaces being flat, and the correspondingly angled distal end has a central surface flanked by two flat surfaces; and wherein the at least one of the baseplates is engageable for manipulation using the manipulation tool by positioning the two flanking flat surfaces against any two of the flat surfaces of the at least one of the baseplates.

19. The spinal orthopedic device and tool set of claim 18, wherein a pair of flat surfaces of the plurality of surfaces flank an anterior aspect of the at least one baseplate.

20. The spinal orthopedic device and tool set of claim 19, wherein the pair of flat surfaces of the plurality of surfaces is a first pair, and a second pair of flat surfaces of the plurality of surfaces further flank a left antero-lateral aspect of the at least one baseplate, and a third pair of flat surfaces of the plurality of surfaces flank a right antero-lateral aspect of the at least one baseplate.